

# Appendix A

## Tutorial on creating an experiment

This tutorial assumes you have already started the software and are on the main window.

### A.1 Open the experiment creation window

By clicking on the "Create Experiment" button highlighted in Figure A.1 the main menu window will close and the experiment creation will show up.

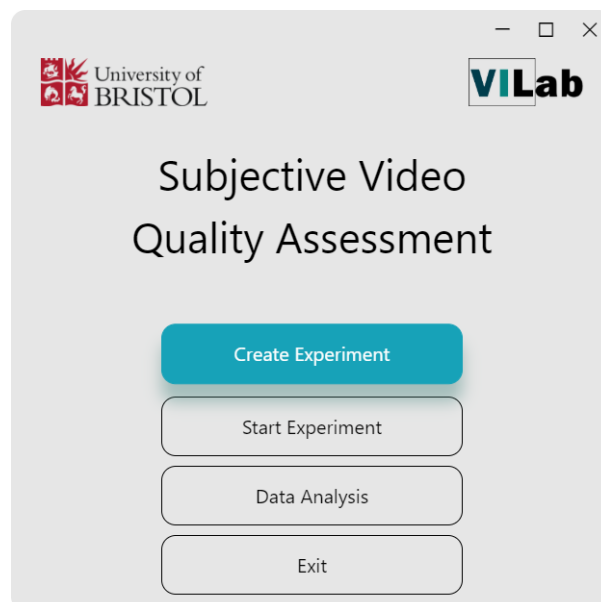


Figure A.1: Opening the experiment creation window

## A.2 Experiment name and presentation methodology

After the "Create Experiment" window shows up, the first thing asked to input is the experiment name. This field should be filled in with the desired name, but without any whitespace in between the characters. The second step is to select a presentation methodology. There are five methodologies available, with the first two of them offering additional modifications in the form of the rating scale. After the desired methodology is selected, two browse forms will appear and a "OK" button. The outcome of this step should look familiar to the one in Figure A.2.

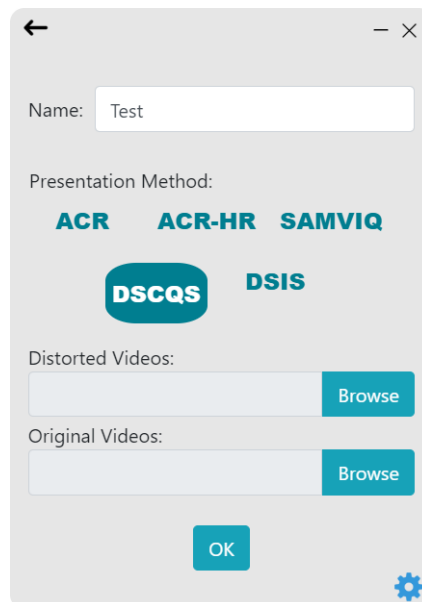
The image shows a mobile application interface for creating an experiment. At the top, there is a back arrow and a close button. Below this, a 'Name:' label is followed by a text input field containing the word 'Test'. Underneath, the 'Presentation Method:' label is followed by five selectable options: 'ACR', 'ACR-HR', 'SAMVIQ', 'DSCQS' (which is highlighted with a blue rounded rectangle), and 'DSIS'. Below the methodology selection, there are two sections: 'Distorted Videos:' and 'Original Videos:'. Each section has a text input field and a blue 'Browse' button to its right. At the bottom center, there is a blue 'OK' button, and at the bottom right, there is a blue gear icon for settings.

Figure A.2: Experiment name and methodology

## A.3 Selecting raw videos

Assuming that both the experiment name and methodology are input and selected respectively similar to that of Figure A.2. By clicking on the "OK" button, an alert will show up, saying that there are missing videos and need to be selected in order to proceed. Additionally, if only the methodology is selected and experiment name is missing, another alert would pop up asking for an input in the field. This is shown in Figure A.3.

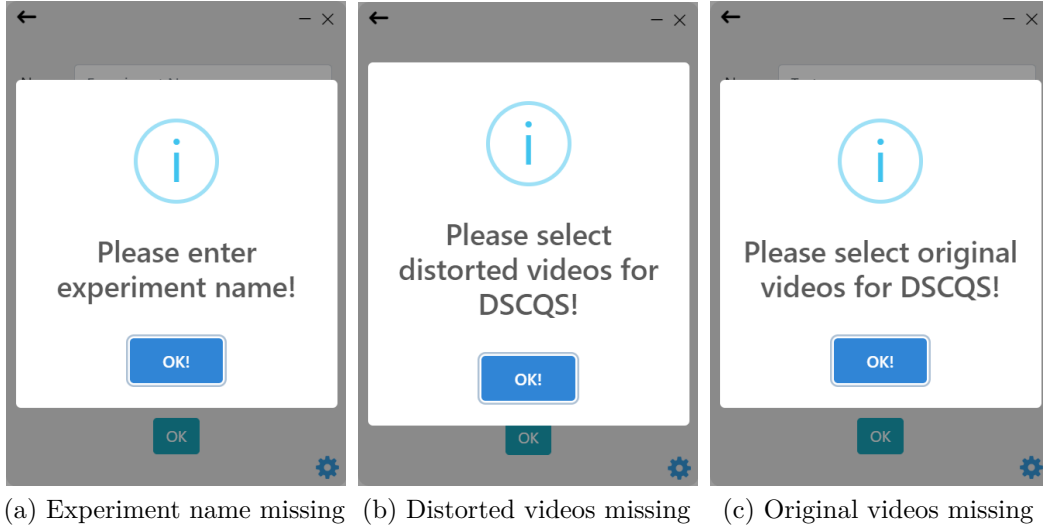


Figure A.3: Alerts

Many different checks are put in place for this part in order for the videos to have the exact filenames that are required for conversion, as mentioned in subsection 3.4.2, not to make mistakes, like putting original videos in the distorted videos browse form, or vice versa and more.

The order of the video selection is not important, the checks are in place for every situation that might occur.

When selecting the videos, you have to make sure that they follow the naming convention for both distorted and original videos as shown in Figure 16 with the same or different parameters.

After both types of videos are selected, there are strict checks that everything matches according to specifications and if it does, by clicking "OK" the window as in Figure A.4 will show up, presenting you with the selected options for that experiment.

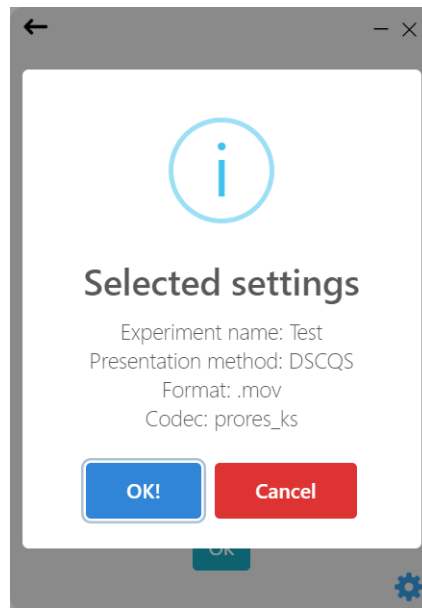


Figure A.4: Confirmation for creating the experiment

By clicking the "OK!" button you confirm that the settings are as desired and the experiment gets created after the two progress bars mentioned in Figure 6 complete.